



Remediation Goals

Summary of Preliminary Remediation Goals Established by EPA for PCBs

OU1 Feasibility Study Report—Allied Paper, Inc./ Portage Creek/Kalamazoo River Superfund site

Medium	Pathway	PCB PRG	Basis
Soils	Human Health	Residential 1.0 mg/kg ^a	40 CFR §761.61(a)(4)
		Non-Residential 10 mg/kg ^b	40 CFR §761.61(a)(4)
	Ecological	Recreational 23 mg/kg ^c	HHRA
		Aquatic 0.5–0.6 mg/kg	BERA
Subsurface Soils	Human Health	Terrestrial 6.5–8.1 mg/kg	BERA
		Residential 1.0 mg/kg ^b	40 CFR §761.61(a)(4)
	Human Health	Non-Residential 10 mg/kg ^b	40 CFR §761.61(a)(4)
		Recreational 23 mg/kg ^c	HHRA
Surface and Subsurface Sediments	Human Health	Terrestrial 6.5–8.1 mg/kg	BERA
		Fish Consumption 0.33 mg/kg ^{c,d}	HHRA
	Ecological	Aquatic 0.5–0.6 mg/kg	BERA
		Direct Contact 3.3 µg/L ^e	MI Part 201 direct contact criteria
Groundwater (including seeps)	Human Health	Groundwater-Surface Water Interface (GSI) 0.2 µg/L ^f	MI Part 201 GSI criteria
Residuals	N/A	Qualitative: Where a removal is proposed, all visible residuals are to be removed unless analytical data are available to confirm PCBs (if present) are below applicable criteria.	

Remediation Goals for Constituents Other Than PCBs

- Remediation goals for constituents other than PCBs have been developed based on Michigan R 299 criteria
 - R 299.44 Generic groundwater cleanup criteria.
 - R 299.46 Generic soil cleanup criteria for residential category.
 - R 299.48 Generic soil cleanup criteria for nonresidential category.